Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 06 Sep 2023 until 23:59 on Thursday 07 Sep 2023

Forecast Issued on Tuesday 05 Sep 2023 at 14:24

Confidence: High confidence for settled and very warm conditions. Lower confidence for potential thundery breakdown end of the week and into the weekend. Staying very warm and humid.

Headline for Wednesday 06 Sep 2023: Early low cloud, mist and fog patches soon clearing to give another fine, sunny and very warm day. Lighter winds.

Mountain weather hazards on Wednesday 06 Sep 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	MIST						
Mist	Mist	Sunny intervals	Sunny	Sunny	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	10%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Wednesday 06 Sep 2023

Weather: Extensive low cloud, mist and fog early morning, with the fog readily clearing and the low cloud largely burning back to coastal areas by mid-morning. Otherwise, fine and dry with good spells of sunshine developing inland, and feeling very warm. Perhap some mist and fog patches reforming in the valleys after dark once again.

Chance of cloud-free hill tops above 600m: 80%, becoming near to 100% by the afternoon.

Low cloud and visibility: Widespread low cloud in the east down to lower slopes, but cloud tops generally below 500-600m and soon clearing into the morning. Some locally very poor visibility until mid-morning. Thereafter generally good visibilities , although distant hill may appear rather hazy.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 06 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 E	7/9 E	4/6 S	6/9 SW	7/11 SW	6/10 SW	4/5 SW	6/8 SE	8/10 SE
300	9/14 NE	8/10 NE	3/5 S	3/5 SW	5/8 SW	4/7 SW	3/4 S	4/6 E	5/9 E
Valley	13/20 E	8/11 E	3/6 E	1/4 SW	3/7 SW	3/7 W	2/3 SW	5/8 E	6/10 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/14	16/16	17/16	17/17	20/19	21/21	20/21	19/19	19/18
300	16/15	17/16	17/17	18/19	21/22	23/24	22/24	21/22	20/20
Valley	17/14	16/15	16/16	19/20	23/24	24/26	23/25	20/21	20/20
Freezing Level*	3600m	3300m	3300m	3100m	3100m	3100m	3200m	3300m	3600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to high UV levels are likely through the midday hours, so extra sun protection and adequate hydration vital, especially with lighter winds compared to recent days.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 04 Sep 2023	0mm	0mm	0mm

Forecast for Thursday 07 Sep 2023

Weather: Early morning mist and fog patches soon clearing to leave another fine and dry day, with sunny spells. Perhaps a little more cloud around compared to Wednesday. A very warm and humid day. Perhaps some mist and fog patches reforming in some valleys overnight.

Maximum wind: Easterly 10-15mph, with isolated gusts up to 25 mph.

Chance of cloud-free hill tops above 600m: 60%, increasing to 100% from mid-morning onwards.

Low cloud and visibility: Low cloud is looking less likely compared to Wednesday morning, although some early mist and fog patches in the valleys may lead to some locally poor visibilities first thing, readily clearing after sunrise.

Temperature: **Valleys:** Plus 19 Celsius, becoming Plus 25 Celsius.
At 600m: Plus 17 Celsius, becoming Plus 22 Celsius.
Freezing level: Above the summits.

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